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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:
MOGUL et al.

Confirmation No.: 8549

Application No.: 10/033,404

Group Art Unit: Unknown

Filed: December 27, 2001

Examiner: Unknown

For: *System and Method for Energy
Efficient Data Prefetching*

Attorney Docket No.: 9772-0340-999

TRANSMITTAL OF POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Technology Center 2100

Sir:

Applicants' attorney encloses herewith a Power of Attorney by Assignee for the above identified application.

Correspondence should be forwarded to Gary S. Williams, customer no. 24341.

The Commissioner is authorized to charge any fees associated with this communication to Pennie & Edmonds LLP deposit account no. 16-1150 (order no. 9772-0340-999). A copy of this sheet is enclosed for such purpose.

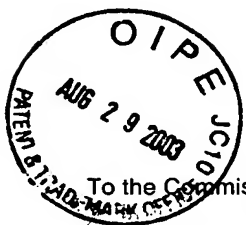
Respectfully submitted,

Date August 29, 2003

Gary S. Williams

31,066
(Reg. No.)

PENNIE & EDMONDS LLP
3300 Hillview Avenue
Palo Alto, CA 94304
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**POWER OF ATTORNEY BY ASSIGNEE
AND CERTIFICATE UNDER 37 CFR 3.73(b)**

To the Commissioner of Patents and Trademarks:

The undersigned assignee of the entire interest in application for letters patent entitled: SYSTEM AND METHOD FOR ENERGY EFFICIENT DATA PREFETCHING, Serial No. 10/033,404, filed December 27, 2001, and having the named inventors: JEFFREY CLIFFORD MOGUL, KEITH ISTVAN FARKAS, PARTHASARATHY RANGANATHAN and EDUARDO S. PINHEIRO, hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 1.32: Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 34514), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), Kenneth L. Stein (Reg. No. 38704), Nanda K. Alapati (Reg. No. 39,893), Andrew J. Gray (Reg. No. 41,796), Henry C. Lebowitz (Reg. No. 36,196) and Karen G. Horowitz (Reg. No. 35,199), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them its attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

In addition, the undersigned assignee also appoints: Irene Kosturakis (Reg. No. 33,724); Keith Lutsch (Reg. No. 31,851); Joseph Arrambide (Reg. No. 39,589); Sarah T. Harris (Reg. No. 35,891); Barry Blount (Reg. No. 35,069); Richard P. Lange (Reg. No. 27,296); Theodore S. Park (Reg. No. 26,971); Diane C. Drozenski, (Reg. No. 39,177), and Laura Turley (Reg. 35,850) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

In accordance with 37 CFR 3.73 the assignee hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an Assignment from the inventor(s), *said assignment recorded in the Patent Office on December 27, 2001 at Reel 012433, Frame 0701*. The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified below.

The undersigned hereby declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Direct all telephone calls to GARY S. WILLIAMS at (650) 493-4935. Address all correspondence to:

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Date: 8 Nov 02
File No. 9772-0340-999 (P00-3470)